

1b FEA is a very useful tool and reduces the need for number of physical prototypes required during testing, however, as FEA makes some assumptions in its calculations so some computed results are approximation. ~~Physical~~ Some physical prototypes will still be required to validate the approximate solutions provided by FEA

1c Physical prototypes are used to provide correlation between ~~one~~ ~~over~~ FEA and the final design. The correlation of the information provides confidence that the FEA ~~has~~ is correct but is also normally part of the sign off for the final design.